

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	mitsuru near2 furusawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:42
L2	52	yeast same ((DNA adj polymerase adj delta) OR (pol3\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:43
L3	2	12 same mutator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L4	8	12 same mutat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:44
L5	402	(DNA adj polymerase adj delta) OR (pol3\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:44
L7	36	15 same mutat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L8	12	15 same temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L9	265	15 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45
L10	23	19 and mutator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:45

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:47:35 ON 18 AUG 2006

L1	3220 S (DNA POLYMERASE DELTA) OR (POL3?)
L2	133 S L1 (P) MUTATOR
L3	618 S L1 (P) MUTANT
L4	51 S L2 (P) YEAST
L5	269 S L3 (P) YEAST
L6	16 DUP REM L4 (35 DUPLICATES REMOVED)
L7	153 S L3 (P) TEMPERATURE
L8	76 S L7 (P) YEAST
L9	19 DUP REM L8 (57 DUPLICATES REMOVED)



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Increase in error threshold for quasispecies by heterogeneous replication accuracy.

Phys Rev E Stat Nonlin Soft Matter Phys. 2003 Sep;68(3 Pt 1):031904. Epub 2003 Sep 10.

PMID: 14524800 [PubMed - indexed for MEDLINE]

☐ 2: [Furusawa M, Ohnishi T, Taira T, Iguchi-Ariga SM, Ariga H.](#)

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AMY-1, a c-Myc-binding protein, is localized in the mitochondria of sperm by association with S-AKAP84, an anchor protein of cAMP-dependent protein kinase.

J Biol Chem. 2001 Sep 28;276(39):36647-51. Epub 2001 Aug 1.

PMID: 11483602 [PubMed - indexed for MEDLINE]

☐ 3: [Aoki K, Furusawa M.](#)

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Promotion of evolution by intracellular coexistence of mutator and normal DNA polymerases.

J Theor Biol. 2001 Mar 21;209(2):213-22.

PMID: 11401463 [PubMed - indexed for MEDLINE]

☐ 4: [Tabuchi Y, Ohta S, Arai Y, Kawahara M, Ishibashi K, Sugiyama N, Horiuchi T, Furusawa M, Obinata M, Fuse H, Takeguchi N, Asano S.](#)

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Establishment and characterization of a colonic epithelial cell line MCE301 from transgenic mice harboring temperature-sensitive simian virus 40 large T-antigen gene.

Cell Struct Funct. 2000 Oct;25(5):297-307.

PMID: 11235898 [PubMed - indexed for MEDLINE]

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☐ 2: [Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

Molecular cloning of the mouse AMY-1 gene and identification of the synergistic activation of the AMY-1 promoter by GATA-1 and Sp1.

Genomics. 2003 Feb;81(2):221-33.

PMID: 12620400 [PubMed - indexed for MEDLINE]

☐ 3: [Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMY-1 interacts with S-AKAP84 and AKAP95 in the cytoplasm and the nucleus, respectively, and inhibits cAMP-dependent protein kinase activity by preventing binding of its catalytic subunit to A-kinase-anchoring protein (AKAP) complex.

J Biol Chem. 2002 Dec 27;277(52):50885-92. Epub 2002 Oct 31.

PMID: 12414807 [PubMed - indexed for MEDLINE]

☐ 4: [Yukitake H, Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AAT-1, a novel testis-specific AMY-1-binding protein, forms a quaternary complex with AMY-1, A-kinase anchor protein 84, and a regulatory subunit of cAMP-dependent protein kinase and is phosphorylated by its kinase.

J Biol Chem. 2002 Nov 22;277(47):45480-92. Epub 2002 Sep 9.

PMID: 12223483 [PubMed - indexed for MEDLINE]

☐ 5: [Yukitake H, Furusawa M, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMAP-1, a novel testis-specific AMY-1-binding protein, is differentially expressed during the course of spermatogenesis.

Biochim Biophys Acta. 2002 Aug 19;1577(1):126-32.

PMID: 12151104 [PubMed - indexed for MEDLINE]

☐ 6: [Furusawa M, Ohnishi T, Taira T, Iguchi-Ariga SM, Ariga H.](#)[Related Articles, Links](#)

AMY-1, a c-Myc-binding protein, is localized in the mitochondria of sperm by association with S-AKAP84, an anchor protein of cAMP-



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Promotion of evolution by intracellular coexistence of mutator and normal DNA polymerases.

J Theor Biol. 2001 Mar 21;209(2):213-22.

PMID: 11401463 [PubMed - indexed for MEDLINE]

☐ 3: [Tanabe K, Kondo T, Onodera Y, Furusawa M.](#)

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A conspicuous adaptability to antibiotics in the Escherichia coli mutator strain, dnaQ49.

FEMS Microbiol Lett. 1999 Jul 1;176(1):191-6.

PMID: 10418146 [PubMed - indexed for MEDLINE]

☐ 4: [Furusawa M, Doi H.](#)

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Asymmetrical DNA replication promotes evolution: disparity theory of evolution.

Genetica. 1998;102-103(1-6):333-47.

PMID: 9766961 [PubMed - indexed for MEDLINE]

☐ 5: [Iwaki T, Kawamura A, Ishino Y, Kohno K, Kano Y, Goshima N, Yara M, Furusawa M, Doi H, Imamoto F.](#)

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Preferential replication-dependent mutagenesis in the lagging DNA strand in Escherichia coli.

Mol Gen Genet. 1996 Jul 26;251(6):657-64.

PMID: 8757396 [PubMed - indexed for MEDLINE]

☐ 6: [Wada KN, Doi H, Tanaka S, Wada Y, Furusawa M.](#)

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A neo-Darwinian algorithm: asymmetrical mutations due to semiconservative DNA-type replication promote evolution.

Proc Natl Acad Sci U S A. 1993 Dec 15;90(24):11934-8.

PMID: 8265651 [PubMed - indexed for MEDLINE]

☐ 7: [Nozaki-Renard J, Iino T, Sato Y, Marumoto Y, Ohta G, Furusawa M.](#)

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